

What is claimed is:

1. A catalyst for production of acrylic acid, which is obtained by a process including the steps of: heating a mixed liquid of starting materials including molybdenum and vanadium as essential components; and then molding the resultant dried material with a liquid binder; and then calcining the resultant molding; wherein the liquid binder is an aqueous liquid of 7.0 to 10.0 in pH.
2. A catalyst for production of acrylic acid according to claim 1, wherein the liquid binder is a binder including an ammonium radical.
3. A catalyst for production of acrylic acid according to claim 1, which is supported on a particulate carrier.
4. A process for production of acrylic acid, which comprises the step of carrying out catalytic gas phase oxidation of acrolein in the presence of molecular oxygen, thereby producing the acrylic acid; with the process using the catalyst for production of acrylic acid according to claim 1.